Author index

Abd-Elaal, A.M., see Agha, S.A., 41
Abzug, M.J., see Rotbart, H.A., 295
Agha, S.A., Coleman, J.C., Selwyn, S., Mahmoud, L.A. and Abd-Elaal, A.M., Combined use of sonication and monoclonal antibodies for the detection of early and late cytomegalovirus antigens in centrifugation cultures, 41
Albert, J., see Mathiesen, T., 143
Anderson, L.J., see Fields, H.A., 283
Asanaka, M., see Kageyama, S., 125

Badia, M. and Querol, E., Detection and purification of bovine herpesvirus 1 glycoproteins by lectin affinity, 23
Baller, J., see Van Tiel, F.H., 99
Bartsch, D., see Hirsch, I., 133
Benada, O., see Hirsch, I., 133
Benton, W.H., see Hurst, C.J., 1
Bessler, W., see Böltz, T., 173
Biesert, L., see Böltz, T., 173
Boguszaková, L., see Hirsch, I., 133
Böltz, T., Hummel, R.-P., Tröger, W., Rübsamen-Waigmann, H., Biesert, L., Müller-Lantzsch, N., Koch, P., Bessler, W. and Jung, G., Distinction between HIV-1 and HIV-2 infection using novel synthetic lipopeptide conjugates as antigens in enzyme immunoassays, 173
Braun, W. and Schacherer, C., Rapid (24 h) neutralization assay for the detection of antibodies to human cytomegalovirus using a monoclonal antibody to an HCMV early nuclear protein, 31
Břicháček, B., see Hirsch, I., 133
Brix, U., see Himmler, G., 351
Bruguera, P., see Fields, H.A., 283

Cardosa, M.J., Hooi, T.P. and Shaari, N.S., Development of a dot enzyme immunoassay for dengue 3: a sensitive method for the detection of antidengue antibodies, 81
Chuang, L.F., see Unger, R.E., 273
Chuang, R.Y., see Unger, R.E., 273
Coleman, J.C., see Agha, S.A., 41
Crofts, N., Maskill, W. and Gust, I.D., Evaluation of enzyme-linked immunosorbent assays: a method of data analysis, 51
Crofts, N., see Maskill, W.J., 61

Dahling, D.R. and Wright, B.A., A comparison of recovery of virus from wastewaters by beef extract-Celite, ferric chloride, and filter concentration procedures, 337
De la Torre, N., see Fields, H.A., 283
Doherty, R.R., see Kiernan, R.E., 303
Doi, R.H., see Unger, R.E., 273
Dolin, R., see Treanor, J.J., 207

Einberger, H., see Sigmund. M., 231

Fields, H.A., Bruguera, P., De la Torre, N., Puig, J. and Anderson, L.J., Purity, antigenicity and immunogenicity of the hepatitis B surface antigen purified by five different methods, 283
Filipenko, D., Hobman, T., MacDonald, I. and Gillam, S., In situ detection of rubella RNA and antigens in cultured cells, 109
Folkers, E., see Vreeswijk, J., 255
Fulton, R.E., Wong, J.P., Siddiqui, Y.M. and Tso, M.-S., Sensitive fluorogenic enzyme immunoassay on nitrocellulose membranes for quantitation of virus, 149

Gerba, C.B., see Richardson, K.J., 13
Gillam, S., see Filipenko, D., 109
Gómez, B., see Montero, M.T., 239
Gust, I.D., see Crofts, N., 51
Gust, I.D., see Maskill, W.J., 61

Hama, S., see Kageyama, S., 125
Harmsen, T., see Van Tiel, F.H., 99
Hattori, N., see Kageyama, S., 125
Healey, D.S., see Maskill, W.J., 61
Heijtink, R.A., see Kruining, J., 89
Higuchi, F., see Kageyama, S., 125
Himmler, G., Brix, U., Steinkellner, H., Lai-

Author index

Abd-Elaal, A.M., see Agha, S.A., 41
Abzug, M.J., see Rotbart, H.A., 295
Agha, S.A., Coleman, J.C., Selwyn, S., Mahmoud, L.A. and Abd-Elaal, A.M., Combined use of sonication and monoclonal antibodies for the detection of early and late cytomegalovirus antigens in centrifugation cultures, 41
Albert, J., see Mathiesen, T., 143
Anderson, L.J., see Fields, H.A., 283
Asanaka, M., see Kageyama, S., 125

Badia, M. and Querol, E., Detection and purification of bovine herpesvirus 1 glycoproteins by lectin affinity, 23
Baller, J., see Van Tiel, F.H., 99
Bartsch, D., see Hirsch, I., 133
Benada, O., see Hirsch, I., 133
Benton, W.H., see Hurst, C.J., 1
Bessler, W., see Böltz, T., 173
Biesert, L., see Böltz, T., 173
Boguszaková, L., see Hirsch, I., 133
Böltz, T., Hummel, R.-P., Tröger, W., Rübsamen-Waigmann, H., Biesert, L., Müller-Lantzsch, N., Koch, P., Bessler, W. and Jung, G., Distinction between HIV-1 and HIV-2 infection using novel synthetic lipopeptide conjugates as antigens in enzyme immunoassays, 173
Braun, W. and Schacherer, C., Rapid (24 h) neutralization assay for the detection of antibodies to human cytomegalovirus using a monoclonal antibody to an HCMV early nuclear protein, 31
Břicháček, B., see Hirsch, I., 133
Brix, U., see Himmler, G., 351
Bruguera, P., see Fields, H.A., 283

Cardosa, M.J., Hooi, T.P. and Shaari, N.S., Development of a dot enzyme immunoassay for dengue 3: a sensitive method for the detection of antidengue antibodies, 81
Chuang, L.F., see Unger, R.E., 273
Chuang, R.Y., see Unger, R.E., 273
Coleman, J.C., see Agha, S.A., 41
Crofts, N., Maskill, W. and Gust, I.D., Evaluation of enzyme-linked immunosorbent assays: a method of data analysis, 51
Crofts, N., see Maskill, W.J., 61

Dahling, D.R. and Wright, B.A., A comparison of recovery of virus from wastewaters by beef extract-Celite, ferric chloride, and filter concentration procedures, 337
De la Torre, N., see Fields, H.A., 283
Doherty, R.R., see Kiernan, R.E., 303
Doi, R.H., see Unger, R.E., 273
Dolin, R., see Treanor, J.J., 207

Einberger, H., see Sigmund. M., 231

Fields, H.A., Bruguera, P., De la Torre, N., Puig, J. and Anderson, L.J., Purity, antigenicity and immunogenicity of the hepatitis B surface antigen purified by five different methods, 283
Filipenko, D., Hobman, T., MacDonald, I. and Gillam, S., In situ detection of rubella RNA and antigens in cultured cells, 109
Folkers, E., see Vreeswijk, J., 255
Fulton, R.E., Wong, J.P., Siddiqui, Y.M. and Tso, M.-S., Sensitive fluorogenic enzyme immunoassay on nitrocellulose membranes for quantitation of virus, 149

Gerba, C.B., see Richardson, K.J., 13
Gillam, S., see Filipenko, D., 109
Gómez, B., see Montero, M.T., 239
Gust, I.D., see Crofts, N., 51
Gust, I.D., see Maskill, W.J., 61

Hama, S., see Kageyama, S., 125
Harmsen, T., see Van Tiel, F.H., 99
Hattori, N., see Kageyama, S., 125
Healey, D.S., see Maskill, W.J., 61
Heijtink, R.A., see Kruining, J., 89
Higuchi, F., see Kageyama, S., 125
Himmler, G., Brix, U., Steinkellner, H., Lai-

mer, M., Mattanovich, D. and Katinger, H.W.D., Early screening for anti-plum pox virus monoclonal antibodies with different epitope specificities by means of gold-labelled immunosorbent electro microscopy (Short communication), 351
Hirsch, I., Reischig, J., Benada, O., Bartsch, D., Břicháček, B., Boguszaková, L. and Vonka, V., Epstein-Barr virus nuclear antigen type 1 binding: electron microscopy, 133
Hobman, T., see Filipenko, D., 109
Hodgkin, P.D., Scalzo, A.A., Swaminathan, N., Price, P. and Shellam, G.R., Murine cytomegalovirus binds reversibly to mouse embryo fibroblasts: implications for quantitation and explanation of centrifugal enhancement, 215
Hooi, T.P., see Cardosa, M.J., 81
Hosaka, Y. and Watabe, T., Cryoelectron microscopy of vitrified Sendai virions (Short Communication), 347
Houwers, D.J., see Van Oirschot, J.T., 191
Howard, T.S., see Maskill, W.J., 61
Hughes, J.H. and Sheridan, J.F., Enhanced production of poxvirus vectors by high speed rolling, 75
Hummel, R.-P., see Böltz, T., 173
Hurst, C.J., Benton, W.H. and McClellan, K.A., Suppression of viral replication by guanidine: a comparison of human adenoviruses and enteroviruses, 1
Husson-van Vliet, J. and Roussel, Ph., Pipetting errors in viral titrations: a useful approach, 183

Johnson, M.A. and McCrae, M.A., A rapid and sensitive solution hybridisation assay for the quantitative determination of specific viral RNA sequences, 217
Jung, G., see Böltz, T., 173

Kageyama, S., Yamada, O., Mohammed, S.-S., Hama, S., Hattori, N., Asanaka, M., Nakayama, E., Matsumoto, T., Higuchi, F., Kawatani, T. and Kurimura, T., An improved method for the detection of HIV antigen in the blood of carriers, 125
Kapsenberg, J.G., see Vreeswijk, J., 255
Katinger, H.W.D., se Himmler, G., 351
Kawatani, T., see Kageyama, S., 125
Kiernan, R.E., McPhee, D.A. and Doherty, R.R., Quantitation of infectious human immunodeficiency virus using a modified plaque forming assay, 303
Koch, P., see Böltz, T., 173
Kraaijeveld, C.A., see Van Tiel, F.H., 99
Kruining, J., Mulder, P.G.H. and Heijtink, R.A., Immune response to HBsAg differently interpreted by RIA and EIA, 89
Kurimura, T., see Kageyama, S., 125
Kusk, P., see Ørskov Lindhartdt, B., 119

Laimer, M., see Himmler, G., 351
Landini, M.P., Rossier, E. and Schmitz, H., Antibodies to human cytomegalovirus structural polypeptides during primary infection, 309
Leguenno, B., see Saluzzo, J.F., 165
Levin, M.J., see Rotbart, H.A., 295

MacDonald, I., see Filipenko, D., 109
Madore, H.P., see Treanor, J.J., 207
Mahmoud, L.A., see Agha, S.A., 41
Margolin, A.B., see Richardson, K.J., 13
Maskill, W., see Crofts, N., 51
Maskill, W.J., Crofts, N., Waldman, E., Healey, D.S., Howard, T.S., Silvester, C. and Gust, I.D., An evaluation of competitive and second generation ELISA screening tests for antibody to HIV, 61
Mathiesen, T., Sundqvist, V.-A., Albert, J., Ohlsson, E. and Wahren, B., Acid hydrolysis of serum samples to increase detection of HIV antigen, 143
Matsumoto, T., see Kageyama, S., 125
Mattanovich, D., see Himmler, G., 351
McClennan, K.A., see Hurst, C.J., 1
McCrae, M.A., see Johnson, M.A., 217
McPhee, D.A., see Kiernan, R.E., 303
Mohammed, S.-S., see Kageyama, S., 125
Montero, M.T., Ortega, E. and Gómez, B., Detection of cell surface rubella virus antigens in Vero cells with *Staphylococcus aureus* rich in protei A, 239
Moonen, P.J.L.M., see Van Oirschot, J.T., 191
Mulder, P.G.H., see Kruining, J., 89
Müller-Lantzsch, N., see Böltz, T., 173
Murphy, N.L., see Rotbart, H.A., 295

Murray, R.S., see Rotbart, H.A., 295
Nakayama, E., see Kageyama, S., 125

Neubert, W.J., see Sigmund, M., 231

Ohlsson, E., see Mathiesen, T., 143
Oosterlaken, T.A.M., see Van Tiel, F.H., 99
Ørskov Lindhardt, B., Pedersen, C., Ulrich, K. and Kusk, P., A comparison of three methods for detection of antibodies against the major core protein p24 of human immunodeficiency virus, 119
Ortega, E., see Montero, M.T., 239
Ortiz-Lopez, R., see Ruiz-Arguelles, A., 329
Osburn, B.I., see Unger, R.E., 273

Pedersen, C., see Ørskov Lindhardt, B., 119
Ponce-de-Leon, A., see Ruiz-Arguelles, A., 329
Ponce-de-Leon, S., see Ruiz-Arguelles, A., 329
Presno-Bernal, M., see Ruiz-Arguelles, A., 329
Price, P., see Hodgkin, P.D., 215
Puig, J., see Fields, H.A., 283

Querol, E., see Badia, M., 23

Reischig, J., see Hirsch, I., 133
Richardson, K.J., Margolin, A.B. and Gerba, C.B., A novel method for liberating viral nucleic acid for assay of water sample with cDNA probes, 13
Rojas, G., see Ruiz-Arguelles, A., 329
Rossier, E., see Landini, M.P., 309
Rotbart, H.A., Abzug, M.J., Murray, R.S., Murphy, N.L. and Levin, M.J., Intracellular detection of sense and antisense enteroviral RNA by in situ hybridization, 295
Roussel, Ph., see Husson-Van Vliet, J., 183
Rübsamen-Waigmann, H., see Böltz, T., 173
Ruiz-Arguelles, A., Ponce-de-Leon, S., Presno-Bernal, M., Ponce-de-Leon, A., Ortiz-Lopez, R. and Rojas, G., Increased detection of human immunodeficiency virus antigen carriers by simultaneous assay of plasma and extracts from resting and phytohaemagglutinin-stimulated peripheral blood mononuclear cells, 329
Rziha, H.J., see Van Oirschot, J.T., 191

Saluzzo, J.F., Leguenno, B. and Van der Groen, G., Use of heat inactivatied viral haemorrhagic fever antigens in serological assays, 165
Scalzo, A.A., see Hodgkin, P.D., 215
Schacherer, C., see Braun, W., 31
Schmitz, H., see Landini, M.P., 309
Selwyn, S., see Agha, S.A., 41
Shaari, N.S., see Cardosa, M.J., 81
Shellam, G.R., see Hodgkin, P.D., 215
Sheridan, J.F., see Hughes, J.H., 75
Siddıqui, Y.M., see Fulton, R.E., 149
Sigmund, M., Einberger, H. and Neubert, W.J., Simple method for rapid and highly sensitive detection of antiviral-antibodies in serum and cerebrospinal fluid of small laboratory animals, 231
Silvester, C., see Maskill, W.J., 61
Snippe, H., see Van Tiel, F.H., 99
Steinkellner, H., see Himmler, G., 351
Sundqvist, V.-A., see Mathiesen, T., 143
Swaminathan, N., see Hodgkin, P.D., 215

Thiele, G.M. and Woods, G.L., The effect of dexamethasone on the detection of cytomegalovirus in tissue culture and by immunofluorescence, 319
Treanor, J.J., Madore, H.P. and Dolin, R., Development of an enzyme immunoassay for the Hawaii agent of viral gastroenteritis, 207
Tröger, W., see Böltz, T., 173
Tso, M.-S., see Fulton, R.E., 149

Ulrich, K., see Ørskov Lindhardt, B., 119
Unger, R.E., Chuang, R.Y., Chuang, L.F., Doi, R.H. and Osburn, B.I., Comparison of dot-blot and Northern blot hybridizations in the determination of genetic relatedness of United States bluetongue virus serotypes, 273

Van Oirschot, J.T., Houwers, D.J., Rziha, H.J. and Moonen, P.J.L.M., Development of an ELISA for detection of antibodies to glycoprotein I of Aujeszky's disease virus: a method for the serological differentiation between infected and vaccinated pigs, 191
Van Tiel, F.H., Kraaijeveld, C.A., Baller, J., Harmsen, T., Oosterlaken, T.A.M. and Snippe, H., Enzyme immunoassay of mumps virus in cell culture with peroxidase-labelled

specific monoclonal antibodies and its application for determination of antibodies, 99
Van der Groen, G., see Saluzzo, J.F., 165
Vonka, V., see Hirsch, I., 133
Vreeswijk, J., Folkers, E., Wagenaar, F. and Kapsenberg, J.G., The use of colloidal gold immunoelectron microscopy to diagnose varicella-zoster virus (VZV) infections by rapid discrimination between VZV, HSV-1 and HSV-2, 255

Wagenaar, F., see Vreeswijk, J., 255
Wahren, B., see Mathiesen, T., 143
Waldman, E., see Maskill, W.J., 61
Watabe, T., see Hosaka, Y., 347
Wong, J.P., see Fulton, R.E., 149
Woods, G.L., see Thiele, G.M., 319
Wright, B.A., see Dahling, D.R., 337

Yamada, O., see Kageyama, S., 125

Subject index

AIDS, HIV-1 diagnosis, HIV-2 diagnosis, ELISA, Lipopeptide conjugate, Epitope prediction, 173
Acid and heat treatment, HIV antigen, HIV antigen test, Antigen-antibody complex, 125
Adenovirus, Guanidine, Enterovirus, Antiviral compound, Viral inhibition, 1
Anti-HBs, RIA, EIA, Hepatitis B vaccination, 89
Anti-HIV, ELISA, Evaluation, Delta, 61
p24 Antibody, HIV antibody, ELISA, Immunoblotting test, Antibody, HIV, Antibody, p24, 119
Antibody, HIV, HIV antibody, p24 Antibody, ELISA, Immunoblotting test, Antibody, p24, 119
Antibody, p24, HIV antibody, p24 Antibody, ELISA, Immunoblotting test, Antibody, HIV, 119
Antigen detection, Immune complex, Human immunodeficiency virus, IgG subclass, 143
Antigen-antibody complex, HIV antigen, HIV antigen test, Acid and heat treatment, 125
Antiviral compound, Guanidine, Adenovirus, Enterovirus, Viral inhibition, 1
Aujeszky's disease virus, gI-ELISA, Serological distinction, Vaccination, Infection, Pig, 191

Beef extract, Virus recovery, Comparison testing, Celite, 337
Biotin/streptavidin-enhanced immunoperoxidase staining, Neutralization test, Human cytomegalovirus, Neutralizing antibody, Monoclonal antibody to HCMV early protein, 31
Bovine herpesvirus 1, Glycoprotein, Lectin, 23

CCHF virus, Thermal inactivation, Hantavirus, RVF virus, Indirect immunofluorescent antibody assay, Complement fixation, IgM-capture ELISA, 165
Celite, Virus recovery, Beef extract, Comparison testing, 337
Centrifugation, Cytomegalovirus, Shell vial, Sonication, Immunofluoresence, 41
Centrifugal enhancement, Murine cytomegalovirus, Cytomegalovirus infectivity, Plaque assay, 215
Cerebrospinal fluid, Western blot, Immunoperoxidase, Virus protein specific antibody, Phast-system, Pharmacia, 231
Colloidal gold, Herpesvirus, Varicella-zoster virus, Diagnosis, Electron microscopy, 255
Comparison testing, Virus recovery, Beef extract, Celite, 337
Complement fixation, Thermal inactivation, Hantavirus, RVF virus, CCHF virus, Indirect immunofluorescent antibody assay, IgM-capture ELISA, 165
Coxsackievirus, ssRNA, Hybridization, In situ hybridization, Sense and antisense RNA, Enterovirus, Coxsackievirus, 295
Coxsackievirus, ssRNA, Coxsackievirus, Hybridization, In situ hybridization, Sense and antisense RNA, Enterovirus, 295
Cytomegalovirus, Shell vial, Centrifugation, Sonication, Immunofluorescence, 41
Cytomegalovirus, Structural antigen, Immunoblotting, Primary infection, Renal transplant, 309
Cytomegalovirus, immediate early nuclear antigen, Monoclonal antibody, Dexamethasone, Tissue culture, 319
Cytomegalovirus infectivity, Murine cytomegalovirus, Centrifugal enhancement, Plaque assay, 215
cDNA probes, Rubella virus, Hybridization, in situ, Expression, 109
cDNA, Hybridization assay, RNA, 247

Delta, Anti-HIV, ELISA, Evaluation, 61
Delta, ELISA, Evaluation, Diagnostic test, 51
Dengue virus, Enzyme immunoassay, Field surveillance, Nitrocellulose membrane, 81
Detection and identification, Fluorescence immunoassay, Fluorogenic enzyme-linked immunosorbent assay, Nitrocellulose, Newcastle disease virus, Diagnosis, 149
Detection of HIV infection, HIV antigen, Viral

replication in PHA-stimulated cells, Enzyme immunoassay for HIV antigen, 329

Dexamethasone, Cytomegalovirus, Immediate early nuclear antigen, Monoclonal antibody, Tissue culture, 319

Diagnosis, Fluorescence immunoassay, Fluorogenic enzyme-linked immunosorbent assay, Nitrocellulose, Newcastle disease virus, Detection and identification, 149

Diagnosis, Herpesvirus, Varicella-zoster virus, Colloidal gold, Electron microscopy, 255

Diagnostic test, ELISA, Evaluation, Delta, 51

Dot-blot hybridization, Poliovirus, Human placental RNasin, Phenol -chloroform extraction, Heat treatment, 13

Dot-blot hybridization, United States bluetongue virus (BTV) serotypes, Northern blot hybridization, Genetic relatedness, 273

EB DNA/EBNA-1 specific binding, EM, EBV DNA/EBNA-1/antibody complexes, EM, EBV DNA/EBNA-1/antibody complexes, resistance to 1.5 M NaCl, 133

EBV DNA/EBNA-1/antibody complexes, EM, EB DNA/EBNA-1 specific binding, EM, EBV DNA/EBNA-1/antibody complexes, resistance to 1.5 N NaCl, 133

EBV DNA/EBNA-1/antibody complexes, EM, EB DNA/EBNA-1 specific binding, EM, EBV DNA/EBNA-1/antibody complexes, resistance to 1.5 M NaCl, 133

EBV DNA/EBNA-1/antibody complexes, resistance to 1.5 M NaCl, EB DNA/EBNA-1 specific binding, EM, EBV DNA/EBNA-1/antibody complexes, EM, 133

EIA, Anti-HBs, RIA, Hepatitis B vaccination, 89

gI-ELISA, Aujeszky's disease virus, Serological distinction, Vaccination, Infection, Pig, 191

ELISA, AIDS, HIV-1 diagnosis, HIV-2 diagnosis, Lipopeptide conjugate, Epitope prediction, 173

ELISA, Anti-HIV, Evaluation, Delta, 61

ELISA, Evaluation, Diagnostic test, Delta, 51

ELISA, HIV antibody, p24 Antibody, Immunoblotting test, Antibody, HIV, Antibody, p24, 119

Electron microscopy, Herpesvirus, Varicella-zoster virus, Diagnosis, Colloidal gold, 255

Electron microscopy, Sendai virus, Vitric method, 347

End-point titer, Pipetting error, Viral titration, Spearman-Kärber estimate, 183

Enhanced vector replication, Vaccinia virus, High speed rolling, 75

Enterovirus, Guanidine, Adenovirus, Antiviral compound, Viral inhibition, 1

Enterovirus, ssRNA, Coxsackievirus, Hybridization, In situ hybridization, Sense and antisense RNA, Coxsackievirus, 295

Enzyme immunoassay, Dengue virus, Field surveillance, Nitrocellulose membrane, 81

Enzyme immunoassay, Mumps virus, Monoclonal antibody, Neutralization, 99

Enzyme immunoassay, Gastroenteritis, Hawaii agent, Norwalk-like agent, 207

Enzyme immunoassay for HIV antigen, HIV antigen, Detection of HIV infection, Viral replication in PHA-stimulated cells, 329

Epitope prediction, AIDS, HIV-1 diagnosis, HIV-2 diagnosis, ELISA, Lipopeptide conjugate, 173

Epitope specificity, Plant virus, Monoclonal antibody, Gold-labeled immunosorbent electron microscopy, Screening, 351

Evaluation, ELISA, Diagnostic test, Delta, 51

Evaluation, Anti-HIV, ELISA, Delta, 61

Expression, Rubella virus, Hybridization, in situ, cDNA probes, 109

Field surveillance, Dengue virus, Enzyme immunoassay, Nitrocellulose membrane, 81

Fluorescence immunoassay, Fluorogenic enzyme-linked immunosorbent assay, Nitrocellulose, Newcastle disease virus, Diagnosis, Detection and identification, 149

Fluorogenic enzyme-linked immunosorbent assay, Fluorescence immunoassay, Nitrocellulose, Newcastle disease virus, Diagnosis, Detection and identification, 149

Gastroenteritis, Enzyme immunoassay, Hawaii agent, Norwalk-like agent, 207

Genetic relatedness, United States bluetongue virus (BTV) serotypes, Northern blot hybridization, Dot-blot hybridization, 273

Glycoprotein, Bovine herpesvirus 1, Lectin, 23

Gold-labeled immunosorbent electron micros-

copy, Plant virus, Monoclonal antibody, Screening, Epitope specificity, 351
Guanidine, Adenovirus, Enterovirus, Antiviral compound, Viral inhibition, 1

HIV antibody, p24 Antibody, ELISA, Immunoblotting test, Antibody, HIV, Antibody, p24, 119
HIV antigen, HIV antigen test, Antigen-antibody complex, Acid and heat treatment, 125
HIV antigen test, HIV antigen, Antigen-antibody complex, Acid and heat treatment, 125
HIV antigen, Detection of HIV infection, Viral replication in PHA-stimulated cells, Enzyme immunoassay for HIV antigen, 329
HIV, Plaque assay, Quantitation, 303
HIV-1 diagnosis, AIDS, HIV-2 diagnosis, ELISA, Lipopeptide conjugate, Epitope prediction, 173
HIV-2 diagnosis, AIDS, HIV-1 diagnosis, ELISA, Lipopeptide conjugate, Epitope prediction, 173
Hantavirus, Thermal inactivation, RVF virus, CCHF virus, Indirect immunofluorescent antibody assay, Complement fixation, IgM-capture ELISA, 165
Hawaii agent, Gastroenteritis, Enzyme immunoassay, Norwalk-like agent, 207
Heat treatment, Poliovirus, Human placental RNasin, Phenol-chloroform extraction, Dot-blot hybridization, 13
Hepatitis B vaccination, Anti-HBs, RIA, EIA, 89
Herpesvirus, Varicella-zoster virus, Diagnosis, Colloidal gold, Electron microscopy, 255
High speed rolling, Enhanced vector replication, Vaccinia virus, 75
Human cytomegalovirus, Neutralization test, Neutralizing antibody, Monoclonal antibody to HCMV early protein, Biotin/streptavidin-enhanced immunoperoxidase staining, 31
Human immunodeficiency virus, Immune complex, Antigen detection, IgG subclass, 143
Human placental RNasin, Poliovirus, Phenol-chloroform extraction, Dot-blot hybridization, Heat treatment, 13
Hybridization, ssRNA, Coxsackievirus, In situ hybridization, Sense and antisense RNA, Enterovirus, Coxsackievirus, 295
Hybridization, in situ, Rubella virus, cDNA probes, Expression, 109
Hybridization assay, cDNA, RNA, 247

IgG subclass, Immune complex, Human immunodeficiency virus, Antigen detection, 143
IgM-capture ELISA, Thermal inactivation, Hantavirus, RVF virus, CCHF virus, Indirect immunofluorescent antibody assay, Complement fixation, 165
Immediate early nuclear antigen, Cytomegalovirus, Monoclonal antibody, Dexamethasone, Tissue culture, 319
Immune complex, Human immunodeficiency virus, Antigen detection, IgG subclass, 143
Immunoblotting, Cytomegalovirus, Structural antigen, Primary infection, Renal transplant, 309
Immunoblotting test, HIV antibody, p24 Antibody, ELISA, Antibody, HIV, Antibody, p24, 119
Immunofluorescence, Cytomegalovirus, Shell vial, Centrifugation, Sonication, 41
Immunoperoxidase, Western blot, Cerebrospinal fluid, Virus protein specific antibody, Phast-system, Pharmacia, 231
In situ hybridization, ssRNA, Coxsackievirus, Hybridization, Sense and antisense RNA, Enterovirus, Coxsackievirus, 295
Indirect immunofluorescent antibody assay, Thermal inactivation, Hantavirus, RVF virus, CCHF virus, Complement fixation, IgM-capture ELISA, 165
Infection, gI-ELISA, Aujeszky's disease virus, Serological distinction, Vaccination, Pig, 191

Lectin, Bovine herpesvirus 1, Glycoprotein, 23
Lipopeptide conjugate, AIDS, HIV-1 diagnosis, HIV-2 diagnosis, ELISA, Epitope prediction, 173

Monoclonal antibody, Mumps virus, Neutralization, Enzyme immunoassay, 99
Monoclonal antibody, Cytomegalovirus, Immediate early nuclear antigen, Dexamethasone, Tissue culture, 319
Monoclonal antibody, Plant virus, Gold-labeled immunosorbent electron microscopy, Screening, Epitope specificity, 351

Monoclonal antibody to HCMV early protein, Neutralization test, Human cytomegalovirus, Neutralizing antibody, Biotin/streptavidin-enhanced immunoperoxidase staining, 31
Mumps virus, Monoclonal antibody, Neutralization, Enzyme immunoassay, 99
Murine cytomegalovirus, Cytomegalovirus infectivity, Centrifugal enhancement, Plaque assay, 215

Neutralization, Mumps virus, Monoclonal antibody, Enzyme immunoassay, 99
Neutralization test, Human cytomegalovirus, Neutralizing antibody, Monoclonal antibody to HCMV early protein, Biotin/streptavidin-enhanced immunoperoxidase staining, 31
Neutralizing antibody, Neutralization test, Human cytomegalovirus, Monoclonal antibody to HCMV early protein, Biotin/streptavidin-enhanced immunoperoxidase staining, 31
Newcastle disease virus, Fluorescence immunoassay, Fluorogenic enzyme-linked immunosorbent assay, Nitrocellulose, Diagnosis, Detection and identification, 149
Nitrocellulose, Fluorescence immunoassay, Fluorogenic enzyme-linked immunosorbent assay, Newcastle disease virus, Diagnosis, Detection and identification, 149
Nitrocellulose membrane, Dengue virus, Enzyme immunoassay, Field surveillance, 81
Northern blot hybridization, United States bluetongue virus (BTV) serotypes, Dot-blot hybridization, Genetic relatedness, 273
Norwalk-like agent, Gastroenteritis, Enzyme immunoassay, Hawaii agent, 207

Phast-system, Pharmacia, Western blot, Immunoperoxidase, Cerebrospinal fluid, Virus protein specific antibody, 231
Phenol-chloroform extraction, Poliovirus, Human placental RNasin, Dot-blot hybridization, Heat treatment, 13
Pig, gI-ELISA, Aujeszky's disease virus, Serological distinction, Vaccination, Infection, 191
Pipetting error, Viral titration, End-point titer, Spearman-Kärber estimate, 183
Plant virus, Monoclonal antibody, Gold-labeled immunosorbent electron microscopy, Screening, Epitope specificity, 351
Plaque assay, Murine cytomegalovirus, Cytomegalovirus infectivity, Centrifugal enhancement, 215
Plaque assay, HIV, Quantitation, 303
Poliovirus, Human placental RNasin, Phenol-chloroform extraction, Dot-blot hybridization, Heat treatment, 13
Primary infection, Cytomegalovirus, Structural antigen, Immunoblotting, Renal transplant, 309

Quantitation, Plaque assay, HIV, 303

RIA, Anti-HBs, EIA, Hepatitis B vaccination, 89
RNA, Hybridization assay, cDNA, 247
RVF virus, Thermal inactivation, Hantavirus, CCHF virus, Indirect immunofluorescent antibody assay, Complement fixation, IgM-capture ELISA, 165
Renal transplant, Cytomegalovirus, Structural antigen, Immunoblotting, Primary infection, 309
Rubella antigen, Staphylococcus aureus, 239
Rubella virus, Hybridization, in situ, cDNA probes, Expression, 109

ssRNA, Coxsackievirus, Hybridization, In situ hybridization, Sense and antisense RNA, Enterovirus, Coxsackievirus, 295
Screening, Plant virus, Monoclonal antibody, Gold-labeled immunosorbent electron microscopy, Epitope specificity, 351
Sendai virus, Electron microscopy, Vitric method, 347
Sense and antisense RNA, ssRNA, Coxsackievirus, Hybridization, In situ hybridization, Enterovirus, Coxsackievirus, 295
Serological distinction, gI-ELISA, Aujeszky's disease virus, Vaccination, Infection, Pig, 191
Shell vial, Cytomegalovirus, Centrifugation, Sonication, Immunofluorescence, 41
Sonication, Cytomegalovirus, Shell vial, Centrifugation, Immunofluorescence, 41
Spearman-Kärber estimate, Pipetting error, Viral titration, End-point titer, 183
Staphylococcus aureus, Rubella antigen, 239
Structural antigen, Cytomegalovirus, Immu-

noblo:ting, Primary infection, Renal transplant, 309

Thermal inactivation, Hantavirus, RVF virus, CCHF virus, Indirect immunofluorescent antibody assay, Complement fixation, IgM-capture ELISA, 165

Tissue culture, Cytomegalovirus, Immediate early nuclear antigen, Monoclonal antibody, Dexamethasone, 319

United States bluetogue virus (BTV) serotypes, Northern blot hybridization, Dot-blot hybridization, Genetic relatedness, 273

Vaccination, gI-ELISA, Aujeszky's disease virus, Serological distinction, Infection, Pig, 191

Vaccinia virus, Enhanced vector replication, High speed rolling, 75

Varicella-zoster virus, Herpesvirus, Diagnosis, Colloidal gold, Electron microscopy, 255

Viral inhibition, Guanidine, Adenovirus, Enterovirus, Antiviral compound, 1

Viral replication in PHA-stimulated cells, HIV antigen, Detection of HIV infection, Enzyme immunoassay for HIV antigen, 329

Viral titration, Pipetting error, End-point titer, Spearman-Kärber estimate, 183

Virus protein specific antibody, Western blot, Immunoperoxidase, Cerebrospinal fluid, Phast-system, Pharmacia, 231

Virus recovery, Beef extract, Comparison testing, Celite, 337

Vitric method, Sendai virus, Electron microscopy, 347

Western blot, Immunoperoxidase, Cerebrospinal fluid, Virus protein specific antibody, Phast-system, Pharmacia, 231